

INSTRUCTION MANUAL

SIGMADECK 250



These instructions and the equipment described are in accordance with:

BS EN 1298 - en
BS EN 1004:2004

Issued September 2005

TURNER

ACCESS

INTRODUCTION

The Sigmadeck Toolbox Guide contains all the information required to correctly assemble the SIGMADECK 250 platform. This guide should be used in conjunction with a suitable Risk Assessment and Method Statement (by user) relative to the project to be undertaken. It must be noted that all employers have a responsibility to ensure that work methods (practices) and adequate facilities/ resources are provided to eliminate or minimise risks.

Please ensure you read and fully understand the guide. Follow the content during assembly and ensure that the unit is complete prior to use.

GENERAL SAFETY & MAINTENANCE NOTES

1. Check all components are available and operational
2. Inspect the unit components for signs of damage or incorrect functioning prior to use. Damaged or incorrect components (or components showing signs of excessive wear) must not be used and returned to your local supplier. Castors and adjustable legs should be periodically lubricated to keep them free running.
3. Unit is designed for internal use only on flat, level surfaces. Check that the ground is capable of supporting the weight of the Sigmadeck and equipment.
4. The safe working load of the Sigmadeck platform is 225 kg uniformly distributed; 225kg total load per tower.
5. Castors must be locked when unit is in use.
6. Ensure that the platform is free of persons and equipment, and that brake locks are off prior to movement. Beware of soft or uneven ground and overhead obstructions.
7. Mobile access unit must only be moved by pushing at the base.
8. Always beware of live electrical apparatus, cables or moving parts of machinery.
9. To prevent accidental injury ensure safe positioning of hands and fingers when assembling and dismantling.
10. The Sigmadeck must always be climbed from the inside.
11. Never jump onto platforms.
12. Do not use hoisting arrangements on Sigmadeck 250 unit. When raising or lowering components always work within the tower base.
13. Fit side guardrails and toeboards at platform level.
14. Sigmadeck 250 units are not designed to allow them to be lifted or suspended.

15. Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.
16. Wear practical, protective clothing, gloves and footwear.
17. Avoid loose garments and jewellery that could catch in moving parts and tie back long hair.
18. Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment from your local supplier.
Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. Keep combustible materials at a safe distance - at least 5m.
19. Make sure that anyone in the immediate work area is warned of what you are doing.
20. Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available from your local supplier.
21. Do not use boxes, ladders or other such means to gain additional height at the platform.
22. Care should be taken when using power tools, wash jets or other such tools which can cause a lateral force on the Sigmadeck 250.

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

SAFE WORKING LOAD

The safe working load is 225 Kg and must not be exceeded.

BRACES

All braces are fitted with self-priming triggers that automatically lock when attached to the unit.

Remove the braces from the unit by releasing the trigger.

DISMANTLING THE TOWER

The dismantling procedure is simply a reversal of the steps explained for the assembly.

For your safety and that of others, take particular care not to allow components to fall to the ground since this will not only result in damage but may cause serious injury.

TRAINING

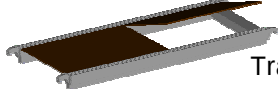
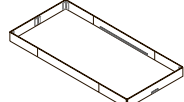
These instructions do not take the place of proper training. Consult your supplier for details of specific training courses for users of low level access units.

COMPONENT BREAKDOWN CHARTS

COMPONENTS	QUANTITY
Sigmadeck Frame c/w Castors	1
1.5m Sigmadeck Platform	1
Horizontal Brace	4
One Piece Toeboard Set	1
Sigmadeck Guardrail Frames	2

SIGMADECK 250

Tower Length
Component Size
Component Weight

	1.5m	
	m	Kg
 Sigmadeck Frame	1.8	24.52
 Guardrail Brace	1.5	1.59
 Trapdoor Platform	1.5	12.06
 Guardrail Frame	1.0	3.63
 One piece Toeboard Set	1.5	6.05

DAILY CHECKS

The unit must be checked on a daily basis and after any event which may have affected the integrity of the unit.

Use the checklist below prior to use.

- ☐ Castors Locked
- ☐ Braces correctly fitted and secure
- ☐ Toeboards located and secure
- ☐ Guardrails fitted and secure

If a box has not been ticked, do not use the unit until the fault is rectified.

Where a fault is found, access to the unit must be stopped.

EQUIPMENT CARE

The equipment has design limits and should not be exceeded.

If the equipment appears to be unsuitable for the required job then assume that it is not the correct tool for the job. Contact your local supplier.

Keep the equipment clean by regular cleaning rather than at the end of the hire period.

Immediately wash off paint or other fluids that could mark or stain the equipment.

When not in use, **store the equipment in a clean and dry environment**, safe from potential theft.

SIGMADECK 250 ASSEMBLY

It is essential to familiarise yourself with the equipment before commencing assembly procedures.

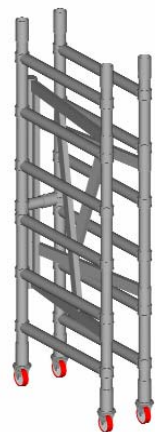
The Platform must be assembled before use.

To assemble the platform, take all the components to the work area.

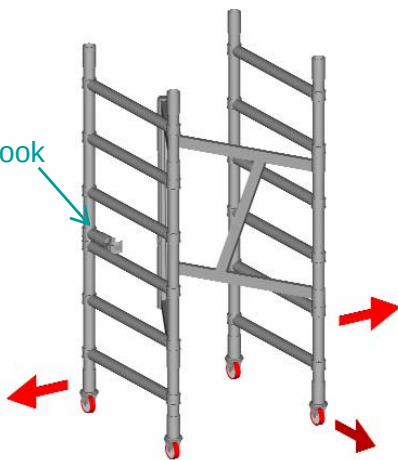
1. Wheel the unit to location where Sigmadeck unit is required.
2. Release the Transport locking hook by squeezing the trigger and moving it clear.

Transport Locking Hook

Trigger



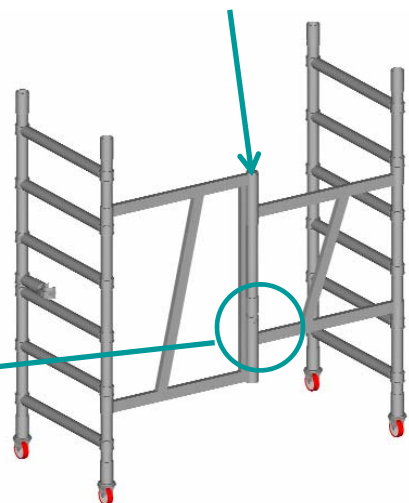
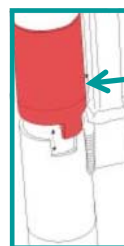
Transport Locking Hook

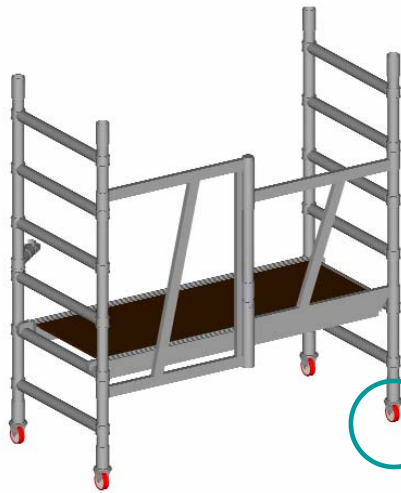


3. Unfold the unit by moving both frames out until the rear hinged section is fully extended and the castellation sleeve has automatically engaged.

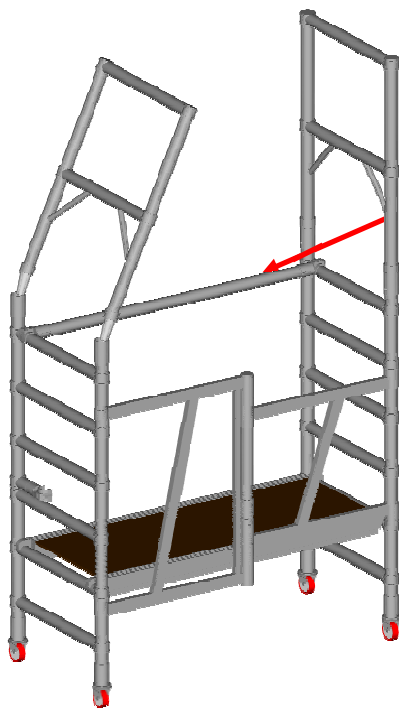
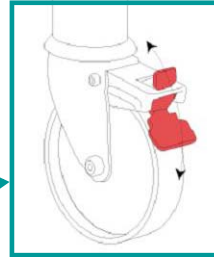
Rear Hinged Section

Castellation Sleeve



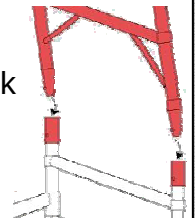


4. Place the Sigmadeck platform at the 2nd rung and lock all castor brakes by moving the lever down.

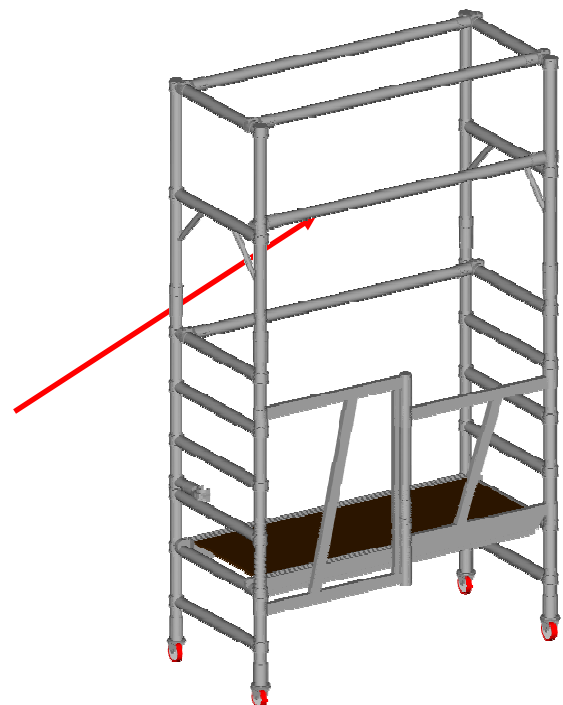


5. Stand on platform to fit side guardrails. *Prior to utilising platform, use one brace and fit to top rung at front of unit as protection whilst on platform.*

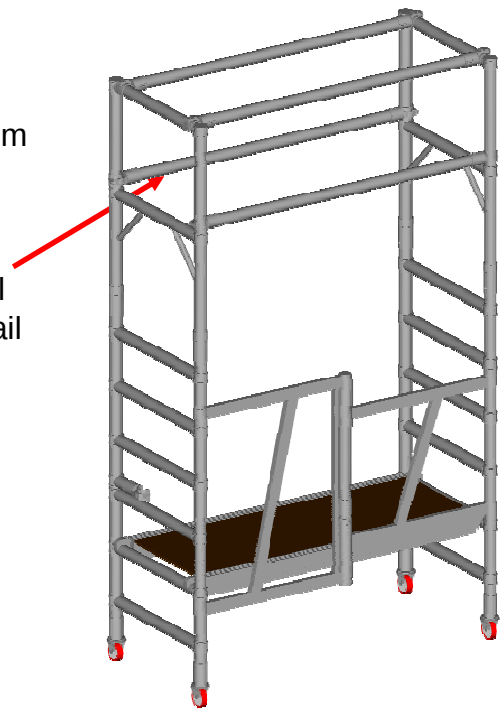
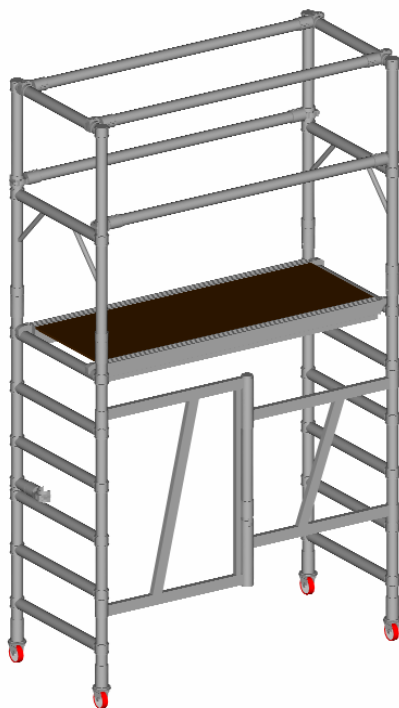
6. Fit guardrail frames on top of sigmadeck frames.



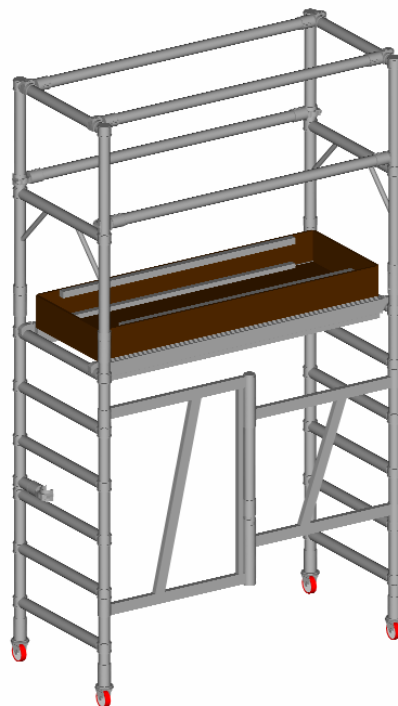
7. Attach guardrail braces to top rung of guardrail frames (both sides).
8. Attach another guardrail brace at lower rung ensuring that brace hook faces outward.



9. Step down from platform and remove platform from temporary position.
10. Remove temporary brace from top rung of base frames and re-position at bottom rung of guardrail frames (hook facing outward) to complete guardrail protection to finished platform position.



11. Place platform at top rung of sigmadeck base frames.
12. The toeboard set can now be placed on the platform, unfolded and positioned.



The **Sigmadeck 250** platform is complete and ready to use.